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May 25, 2001

Attorney's Docket: VMP-491-A  
Box PATENT APPLICATION  
Assistant Commissioner of Patents  
Washington, D.C. 20231

**EXPRESS MAIL LABEL NO.:**

**EL845187568US**

Sir:

Enclosed please find a national stage application for U.S. Patent under 35 CFR §371 as identified below.

Inventor: Heiner Bayha, Jurgen Benz, and Werner Philipps  
Invention: **DEVICE FOR DETECTING PARTICLES ON A WINDSHIELD**

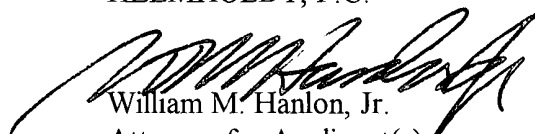
and including: Postcard; Transmittal Letter; Preliminary Amendment; Substitute Specification; 2 sheet of drawings; Unsigned Copy of Combined Declaration and Power of Attorney; Red-line Specification; Verified English Language Translation; Copy of the International Application; Information Disclosure Statement including Form PTO-1449 and the cited references;

|                              |          |
|------------------------------|----------|
| Filing Fee:                  | \$860.00 |
| Late Declaration Filing Fee: | \$130.00 |
| Total                        | \$990.00 |

Please charge any deficiency or credit any excess in the enclosed fees to Deposit Account No. 25-0115.

Respectfully submitted,

YOUNG, BASILE, HANLON, MacFARLANE, WOOD & HELMHOLDT, P.C.

  
William M. Hanlon, Jr.  
Attorney for Applicant(s)  
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WMH/jao  
Enclosures

FORM PTO-1390  
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

VMP-491-A

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

09/856815

INTERNATIONAL APPLICATION NO.  
PCT/EP99/07327INTERNATIONAL FILING DATE  
04 October 1999PRIORITY DATE CLAIMED  
28 November 1998TITLE OF INVENTION  
DEVICE FOR DETECTING PARTICLES ON A WINDSHIELDAPPLICANT(S) FOR DO/EO/US  
Heiner Bayha, Jurgen Benz, and Werner Philipps

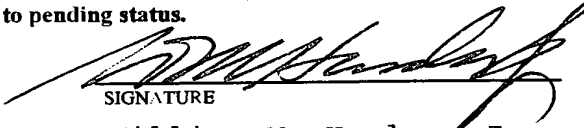
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). Unsigned Copy
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☒ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Red-Lined Specification

09856815-090701

|  |                     |  |   |  |           |
|--|---------------------|--|---|--|-----------|
| U.S. APPLICATION NO. <b>09/85681</b>   |                     | INTERNATIONAL APPLICATION NO.<br><b>PCT/EP99/07327</b> |   | ATTORNEY'S DOCKET NUMBER<br><b>VMP-491-A</b> |           |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO. .... <b>\$1000.00</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b><br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO<br>but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$710.00</b><br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b><br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b><br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |                     |  |   | <b>CALCULATIONS PTO USE ONLY</b>             |           |
|  |                     |  |   |  |           |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(e)).   |                     |  |   | <b>\$ 130</b>                                |           |
| <b>CLAIMS</b>  | <b>NUMBER FILED</b> | <b>NUMBER EXTRA</b>                                    | <b>RATE</b>   | <b>\$</b>                                    |           |
| Total claims   | 13 - 20 =           |  | x \$18.00   | <b>\$</b>                                    |           |
| Independent claims   | 1 - 3 =             |  | x \$80.00   | <b>\$</b>                                    |           |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |                     |  |   | <b>+ \$270.00</b>                            | <b>\$</b> |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                     |  |   | <b>\$ 990</b>                                |           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2.  |                     |  |   | <b>\$ 0</b>                                  |           |
| <b>SUBTOTAL =</b>  |                     |  |   | <b>\$ 990</b>                                |           |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(f)).  |                     |  |   | <b>\$ 0</b>                                  |           |
| <b>TOTAL NATIONAL FEE =</b>  |                     |  |   | <b>\$ 990</b>                                |           |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  |                     |  |   | <b>\$ 0</b>                                  |           |
| <b>TOTAL FEES ENCLOSED =</b>   |                     |  |   | <b>\$ 990</b>                                |           |
|  |                     |  |   | <b>Amount to be<br/>refunded:</b>            | <b>\$</b> |
|  |                     |  |   | <b>charged:</b>                              | <b>\$</b> |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>990.00</u> to cover the above fees is enclosed.<br><br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br><br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any<br>overpayment to Deposit Account No. <u>25-0115</u> . A duplicate copy of this sheet is enclosed.<br><br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card</b><br>information should not be included on this form. Provide credit card information and authorization on PTO-2038.  |                     |  |   |  |           |
| <b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>  |                     |  |   |  |           |
| SEND ALL CORRESPONDENCE TO:<br>Andrew R. Basile<br>YOUNG & BASILE, PC<br>3001 West Big Beaver Road<br>Suite 624<br>Troy, MI 48084<br>248-649-3333  |                     |  | <br>SIGNATURE<br>William M. Hanlon, Jr.<br>NAME<br>28422<br>REGISTRATION NUMBER |  |           |

0985681-090701